

Patent claims

1. A method for anonymous identification of profiles (PA, PB) of subscribers (A, B) in a communications system,
5 in which
 - a. the subscribers (A, B) define and store subscriber-specific profiles (PA, PB) via a respective input unit (G) in a respective communication appliance (E) and/or in a respective module (H, MA, MB) which is coupled to a respective communication appliance (E),
10 b. profiles (PB, PA) of other subscribers (B, A) in the communications system are collected on the basis of a wire-free, locally restricted network technology
15 by means of the respective module (H, MA, MB) which is coupled to a respective one of the communication appliances (E), are compared with the profile (PA, PB) which is defined and stored in the respective communication appliance (E), and are rejected or are
20 signaled to the respective subscriber (A, B) on the basis of a subscriber-specific correlation threshold (KA, KB),
c. a communication connection is set up between subscribers (A, B) whenever subscriber-end
25 activation takes place, via an intermediate provider (P) in the communications system.
2. The method as claimed in claim 1,
characterized
30 in that a LAN (local area network) and/or a PAN (personal area network) technology, in particular Bluetooth, is used as the wire-free, locally limited network technology.
- 35 3. The method as claimed in claim 1 or 2,
characterized

in that a respective mobile communication appliance,
which operates in accordance with a standard, is used
as the respective communication appliance (E), with the
standard being from a group comprising: GSM, GPRS, EDGE
5 and UMTS.

4. The method as claimed in one of claims 1 to 3,
characterized
in that each module (H, MA, MB) of a subscriber (A, B)
10 is allocated an ID number (ID-A, ID-B).

5. The method as claimed in one of the preceding
claims,
characterized
15 in that a computer is used as the input unit (G).

6. The method as claimed in one of the preceding
claims,
characterized
20 in that, in step c., the respective subscribers (A, B)
are assigned a respective neutral telephone number (TA,
TB) in order to set up a communication connection
between subscribers (A,B).

25 7. The method as claimed in claim 6,
characterized
in that the neutral telephone numbers (TA, TB) are
assigned temporarily.

30 8. A module (H, MA, MB) which can be integrated in a
mobile communication appliance (E) and/or can be
coupled via an interface to a mobile communication
appliance (E) and has at least the following elements:
A. a memory unit (A) for storage of profiles,
35 B. a collecting unit (B), which operates on the basis
of a wire-free, locally limited network technology,
for

- collecting (scanning) profiles (PA, PB) of subscribers (A, B) in a communications system,
- C. a correlation unit (C) for comparison of profiles (PA, PB) with one another,
- 5 D. a signaling/synchronization unit (D).
9. The module as claimed in claim 8,
characterized
in that the collecting unit (B) is a unit which
10 operates on the basis of LAN and/or PAN technology.
10. The module as claimed in claim 8 or 9,
characterized
in that the memory unit (A) is a RAM.
15
11. The module as claimed in one of claims 8 to 10,
characterized
in that the correlation unit (C) is a microcomputer.
- 20 12. The module as claimed in one of claims 8 to 11,
characterized
in that the signaling/synchronization unit (D) is a
software-assisted circuit.